

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
 Data File : VY000561.D
 Acq On : 06 Nov 2019 18:52
 Operator : SY/MD
 Sample : K5723-02
 Misc : 6.91G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-B

Quant Time: Nov 07 06:21:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

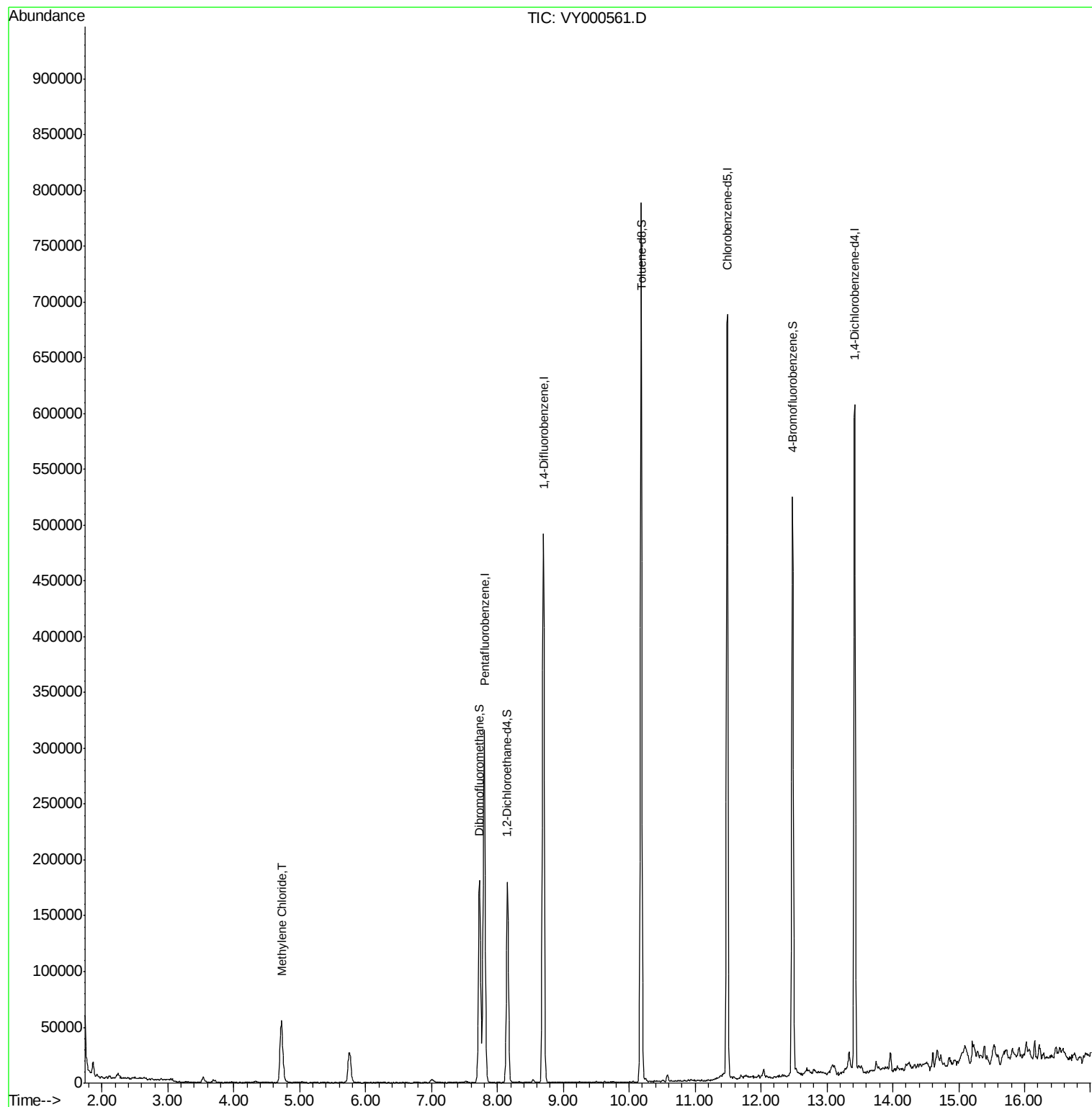
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235060	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	420737	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	360611	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	147592	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	142697	58.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.32%	
35) Dibromofluoromethane	7.73	113	124884	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.18	98	496997	53.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.48	95	156749	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
Target Compounds						
20) Methylene Chloride	4.72	84	40934	14.249	ug/l	Qvalue 92

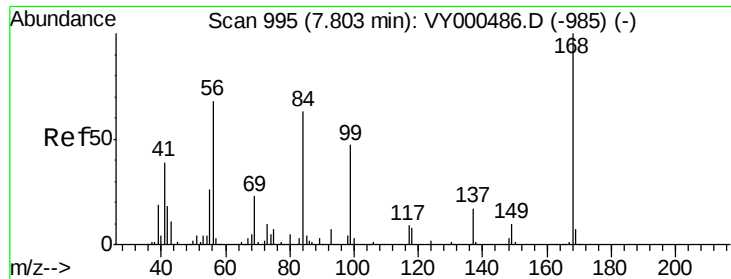
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY110619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.00 min

Lab File: VY000561.D

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MSVOA_Y

ClientSampleId :

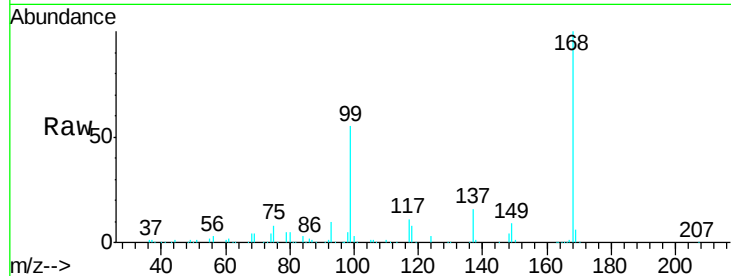
7-B

Tgt Ion:168 Resp: 235060

Ion Ratio Lower Upper

168 100

99 54.9 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)

7.80

120000

100000

80000

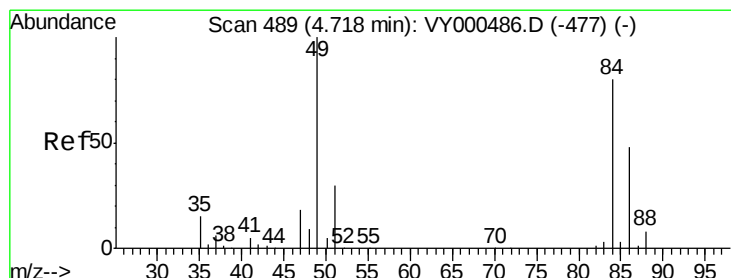
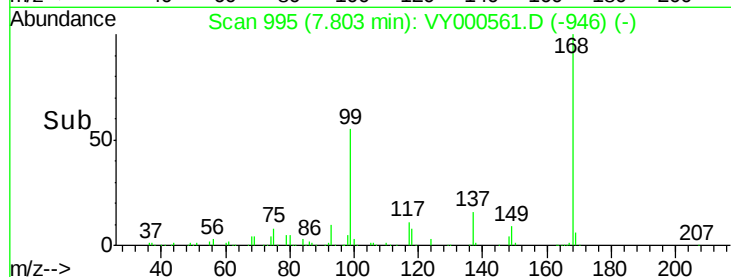
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 14.249 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.01 min

Lab File: VY000561.D

Acq: 06 Nov 2019 18:52

Tgt Ion: 84 Resp: 40934

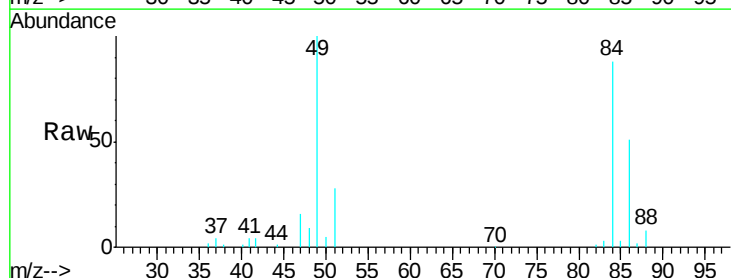
Ion Ratio Lower Upper

84 100

49 113.8 100.2 150.4

51 31.8 29.6 44.4

86 57.8 48.3 72.5



Abundance Ion 83.90 (83.60 to 84.60): VY000486.D (-477) (-)

Ion 48.90 (48.60 to 49.60): VY000486.D (-477) (-)

Ion 50.90 (50.60 to 51.60): VY000486.D (-477) (-)

Ion 85.90 (85.60 to 86.60): VY000486.D (-477) (-)

4.72

25000

20000

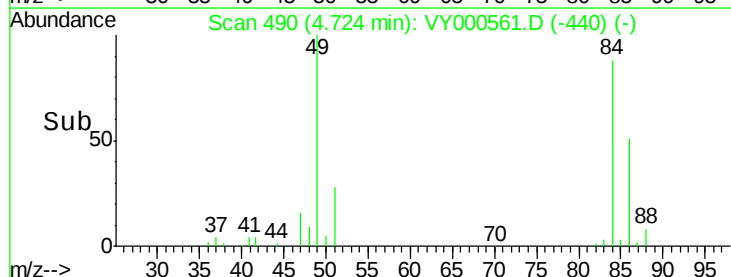
15000

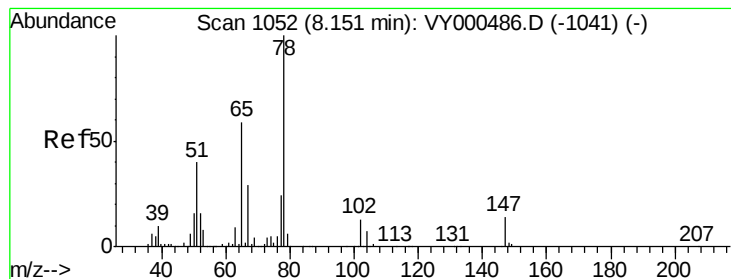
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 58.661 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VY000561.D

Acq: 06 Nov 2019 18:52

Instrument :

MSVOA_Y

ClientSampleId :

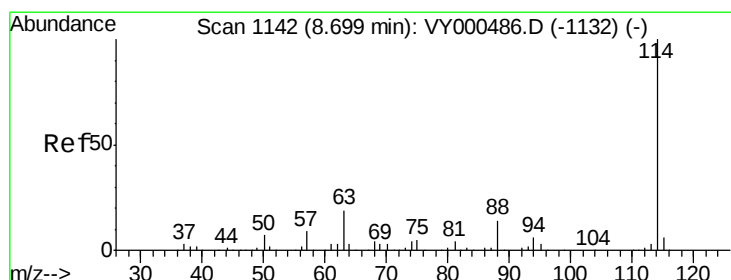
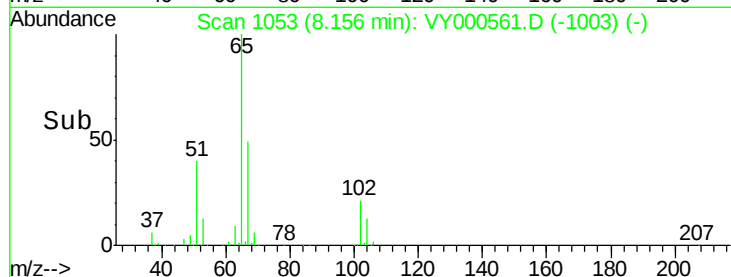
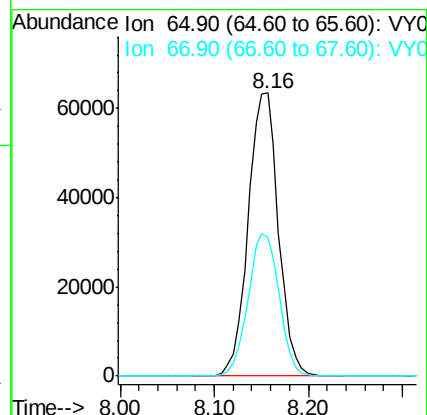
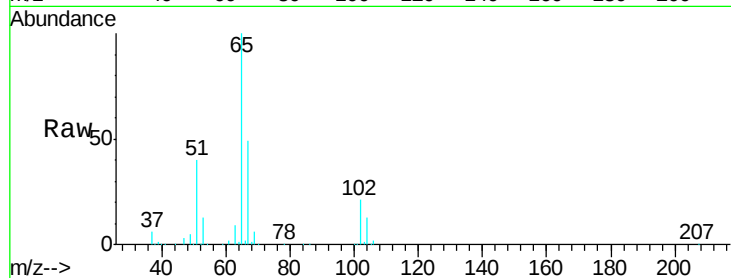
7-B

Tgt Ion: 65 Resp: 142697

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VY000561.D

Acq: 06 Nov 2019 18:52

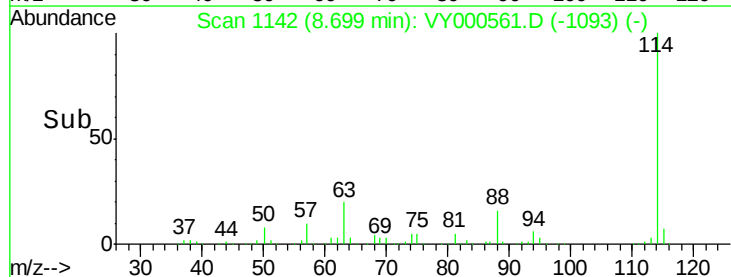
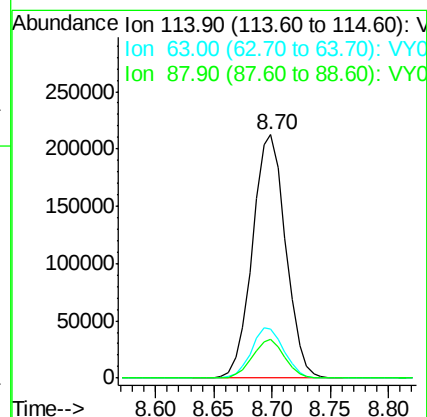
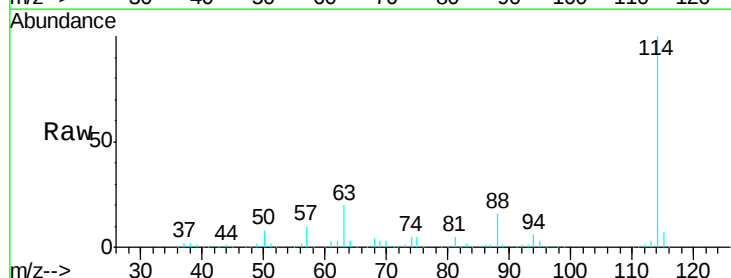
Tgt Ion: 114 Resp: 420737

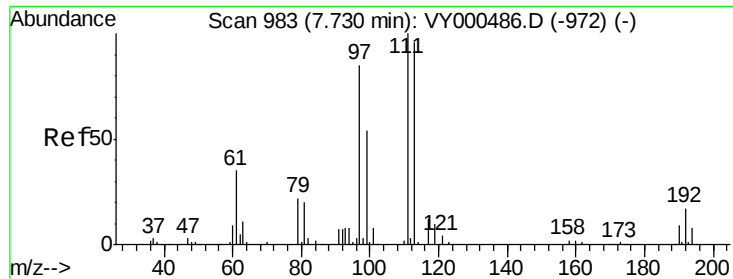
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

88 15.8 0.0 28.6

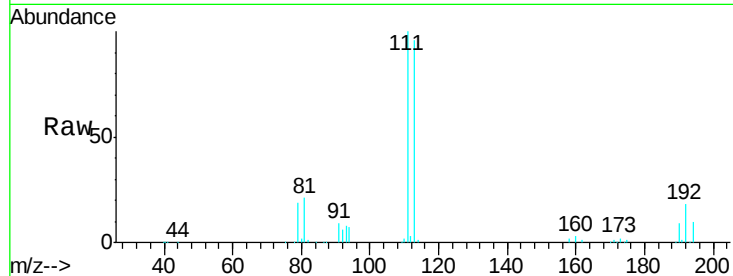




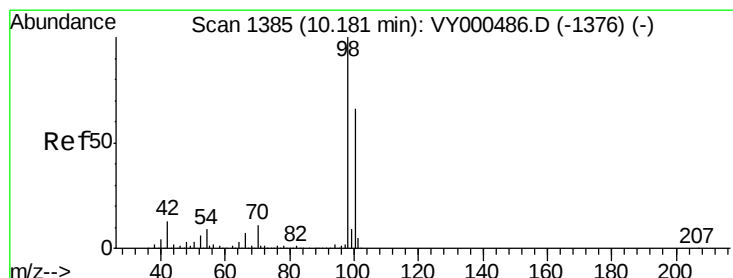
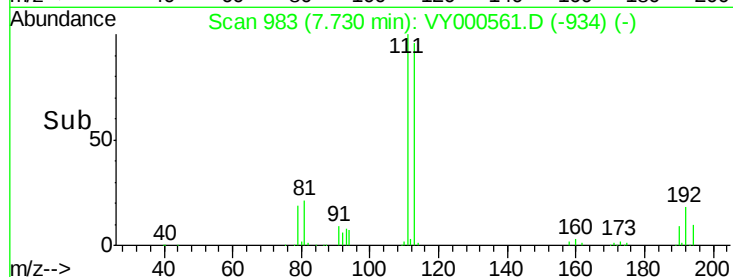
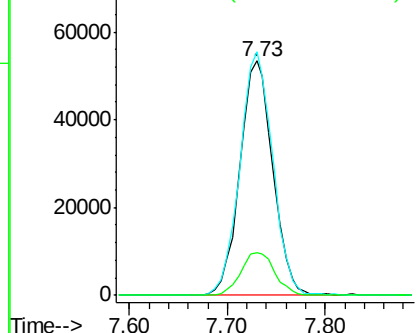
#35
 Dibromofluoromethane
 Concen: 50.560 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000561.D
 Acq: 06 Nov 2019 18:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-B

Tgt Ion:113 Resp: 124884
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.7 122.5
 192 18.8 15.0 22.4

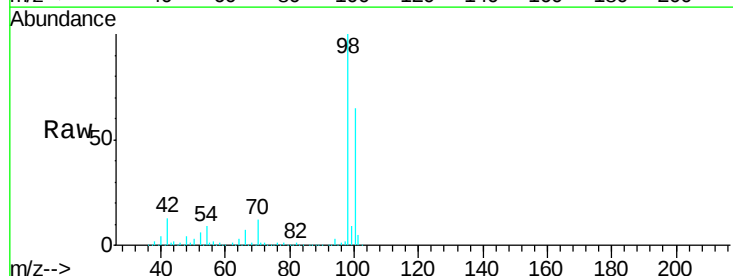


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

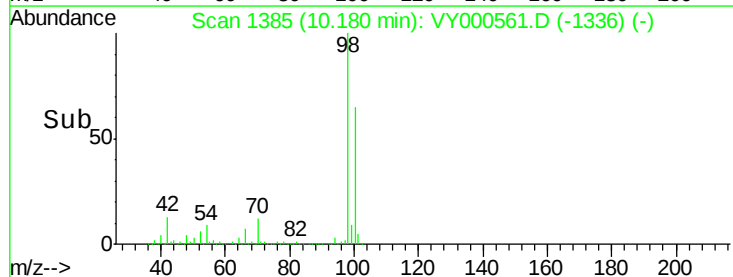
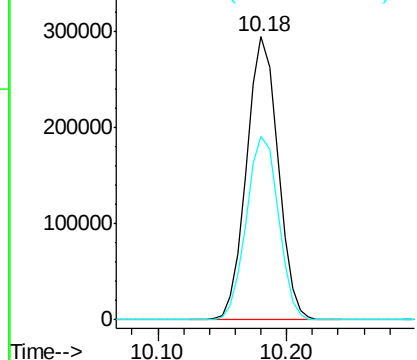


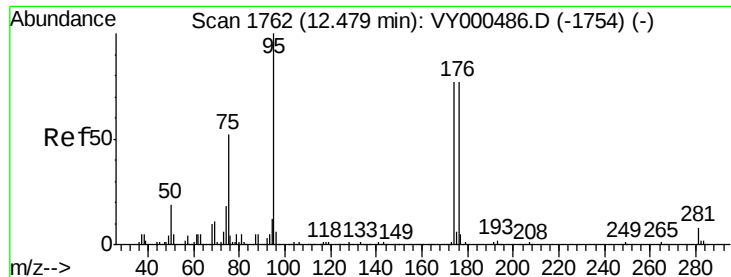
#50
 Toluene-d8
 Concen: 53.028 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.00 min
 Lab File: VY000561.D
 Acq: 06 Nov 2019 18:52

Tgt Ion: 98 Resp: 496997
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY0

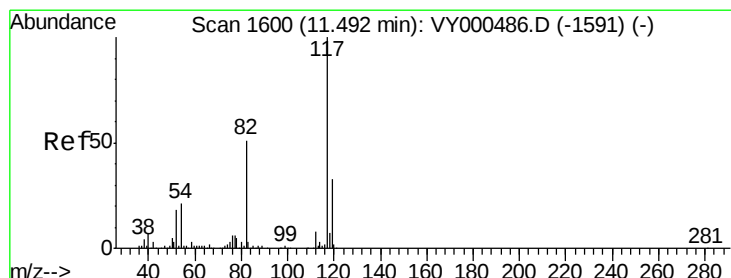
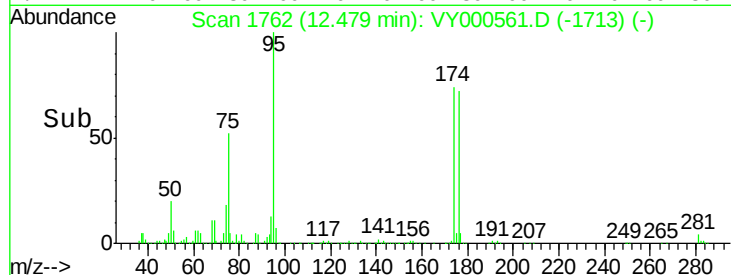
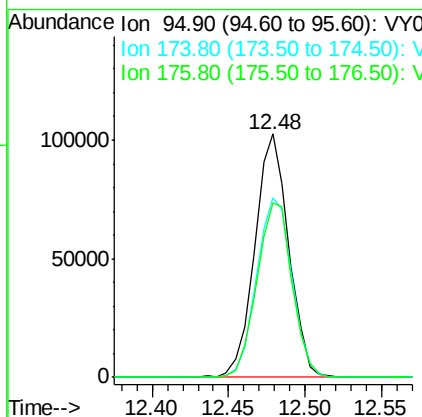
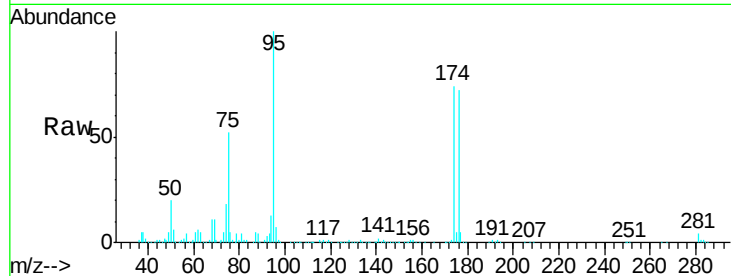




#62
4-Bromofluorobenzene
Concen: 43.932 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000561.D
Acq: 06 Nov 2019 18:52

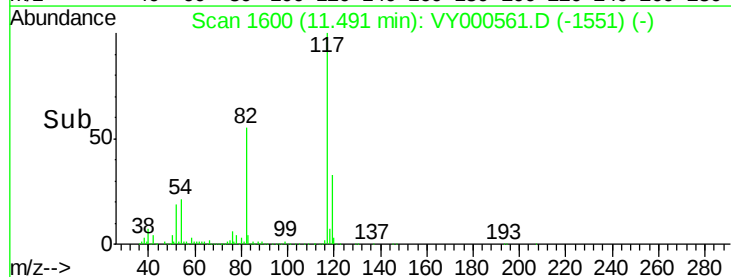
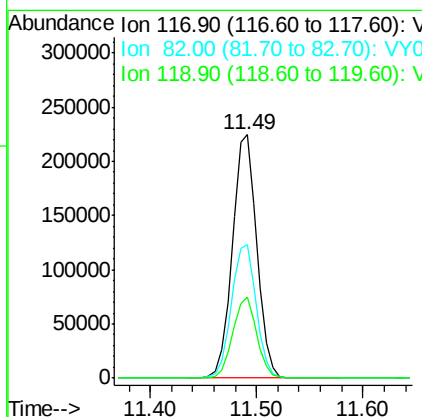
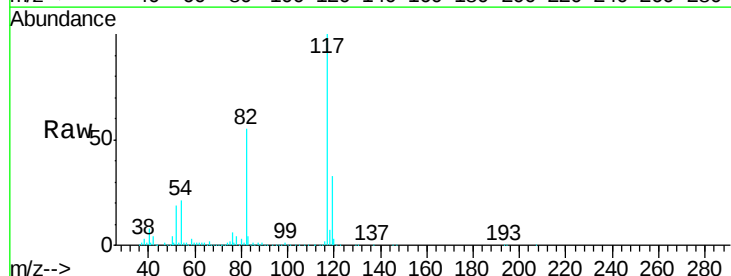
Instrument :
MSVOA_Y
ClientSampled :
7-B

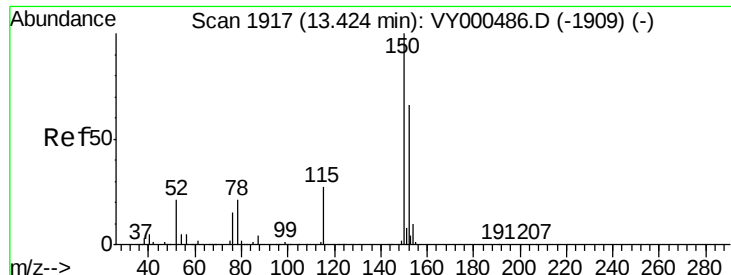
Tgt Ion: 95 Resp: 156749
Ion Ratio Lower Upper
95 100
174 77.8 0.0 161.6
176 75.5 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000561.D
Acq: 06 Nov 2019 18:52

Tgt Ion: 117 Resp: 360611
Ion Ratio Lower Upper
117 100
82 54.9 40.8 61.2
119 33.4 26.2 39.2



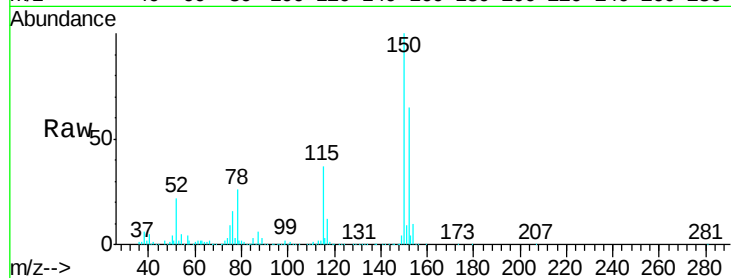


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY000561.D
 Acq: 06 Nov 2019 18:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-B

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.2	29.1	87.4
150	155.5	0.0	348.8



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

